

What is claimed is:

1. An auto anti-thief system employing a bluetooth technique, comprising:
 - a system core processor bridged to a bluetooth communication module, an anti-thief alarm control circuit, an indicator control circuit, and a door lock initiator control circuit for receiving each inputted control signal thereof and transmitting said control signal to each output device after said control signal being processed, converted and compared;
 - a bluetooth communication module bridged between a bluetooth mobile phone and said system core processor for confirming a data therebetween through a bi-directional transmission;
 - an anti-thief alarm control circuit for receiving said control signal from said system core processor and controlling a timely action of an anti-thief alarm;
 - an indicator control circuit for receiving said control signal from said system core processor and controlling an action of an indicator;
 - a door lock initiator control circuit for receiving said control signal from said system core processor, controlling an action of a door lock initiator and reporting back the condition of said door lock initiator to said system core processor; and
 - a power voltage regulator circuit for converting a power in a car into a steady voltage so as to provide a power to said auto anti-thief system;
 - thereby when being firstly set, said auto anti-thief system communicates with said bluetooth mobile phone through said bluetooth communication module, and thus said car enters an anti-thief setting mode or an anti-thief remove mode only by a wireless communication without a manual operation.
2. The auto anti-thief system employing bluetooth technique according to

claim 1, wherein said auto anti-thief system utilizes said bluetooth technique, and after a confirmation between said anti-thief system and said bluetooth mobile phone, a user is capable of setting a control distance by himself via an emitting and receiving intensity of radio waves.

5 3. An auto anti-thief system employing a bluetooth technique, comprising:

 a system core processor bridged to a bluetooth communication module, an anti-thief alarm control circuit, an indicator control circuit, and a door lock initiator control circuit for receiving each inputted control signal thereof and transmitting said control signal to each output device after said control signal
10 being processed, converted and compared;

 a bluetooth communication module bridged between a bluetooth mobile phone and said system core processor for confirming a data therebetween through a bi-directional transmission;

 an anti-thief alarm control circuit for receiving said control signal from said
15 system core processor and controlling a timely action of an anti-thief alarm;

 an indicator control circuit for receiving said control signal from said system core processor and controlling an action of an indicator;

 a door lock initiator control circuit for receiving said control signal from said system core processor, controlling an action of a door lock initiator and
20 reporting back the condition of said door lock initiator to said system core processor; and

 a power voltage regulator circuit for converting a power in a car into a steady voltage so as to provide a power to said auto anti-thief system;

 thereby when being firstly set, a setting or a remove of said anti-thief
25 system is directly controlled by a key of said bluetooth mobile phone.

4. The auto anti-thief system employing bluetooth technique according to claim 1 or 3, wherein when said bluetooth mobile phone is not working, a logic procedure is employed to enter said anti-thief setting mode or said anti-thief remove mode by said manual operation through two outposts via the car key.
5. The auto anti-thief system employing bluetooth technique according to claim 4, wherein said manual operation for setting said anti-thief system comprises steps of:
- step 1: turning off a starting car;
 - step 2: opening the driver's door and closing it;
 - 10 step 3: locking a relieved door lock so as to automatically turn on said anti-thief system,
- wherein said door lock initiator control circuit drives said door lock initiator to lock all car doors, said anti-thief alarm control circuit drives said anti-thief alarm to beep, and said indicator control circuit drives said indicator to flash for
- 15 presenting that said anti-thief system is turned on.
6. The auto anti-thief system employing bluetooth technique according to claim 4, wherein said manual operation for removing said anti-thief system comprises steps of:
- step 1: said car is under said anti-thief setting mode;
 - 20 step 2: relieving a locked door lock;
 - step 3: opening the closed driver's door and closing thereof again;
 - step 4: automatically turning off said anti-thief system when said car is initiated within five seconds,
- wherein said door lock initiator control circuit drives said door lock initiator
- 25 to open all door locks, said anti-thief alarm control circuit drives said anti-thief

alarm to beep, and said indicator control circuit drives said indicator to flash for presenting that said anti-thief system is turned off.